

ABSTRACT OF THE DISCLOSURE

The stimuable phosphor sheet has a stimuable phosphor layer formed by a vacuum film forming technique. The stimuable phosphor layer contains a europium-activated cesium bromide based stimuable phosphor as a main ingredient. A maximum intensity of emission that is generated in a wavelength range of 490-510 nm when the stimuable phosphor layer is exposed to electron beams is lower than a maximum intensity of the emission generated in a wavelength range of 440-460 nm.